

I. AMENDMENT

Prior to further action on the merits, please amend the application as follows.

IN THE SPECIFICATION

Please delete the Sequence Listing presently of record in the application (pages 1 through 39) and substitute therefor new pages 1 through 52, enclosed herewith, which comprise a substitute Sequence Listing.

Please replace the paragraph at page 5, lines 20-21 with the following rewritten paragraph:

C1

Hence the present invention makes available a process for the production of a mistletoe lectin polypeptide or a fragment thereof in the heterologous system having the following sequence (SEQ ID NO: 1 and 40):

Please replace the paragraph at page 7, at lines 5-7 with the following rewritten paragraph:

C2

Analogously to this process, two further production processes for the mistletoe lectin A-chain (MLA) (SEQ ID NO: 2 and 41) and mistletoe lectin B-chain (MLB) (SEQ ID NO: 3) are made available, which contain the following sequences or a fragment thereof:

Please replace the paragraph at page 8, line 15-16 with the following rewritten paragraph:

C3

Furthermore, a mistletoe lectin polypeptide or a fragment thereof, which includes the sequence variability of the various MLA and MLB chains, having the following sequence is provided (SEQ ID NO: 1 and SEQ ID NO: 40):

Please replace the paragraph at page 10, at lines 3-5 with the following rewritten paragraph:

C4
Apart from this, mistletoe lectin polypeptides of the mistletoe lectin A-chain (SEQ ID NO: 2 and 41) and mistletoe lectin B-chain (SEQ ID NO: 3) or fragments of these sequences are provided, which include the following sequences:

Please replace at page 20, lines 27-29 with the following rewritten paragraph:

C5
Furthermore, the present invention also includes a process for the production of a mistletoe lectin polypeptide in mistletoe cells and/or transgenic mistletoe plants having the following sequence (SEQ ID NO: 1 and 40):

Please replace at page 22, at lines 20-22 with the following rewritten paragraph:

C6
On the basis of the process described above, two further production processes for the mistletoe lectin A-chain (SEQ ID NO: 2 and 41) and mistletoe lectin B-chain (SEQ ID NO: 3) or a fragment thereof are provided, which contain the following sequences or a fragment thereof:

IN THE CLAIMS

Please amend claims 46-51 and 85-87 as follows:

C7
46. (Amended) A process for the production of a mistletoe lectin polypeptide in a heterologous system having a polypeptide sequence of SEQ ID NO: 1 and SEQ ID NO: 40 or a fragment thereof, comprising the step of expressing by means of a eukaryotic or prokaryotic vector, in which a nucleic acid coding for the mistletoe lectin polypeptide according to the usual genetic code or a fragment thereof is cloned in a suitable